dacor
The Life of the Kitchen.®

INSTALLATION INSTRUCTIONS

EPICURE® COOKTOP

For Use with Models: EG366, EG486

SAVE THESE INSTRUCTIONS

THIS APPLIANCE HAS BEEN TESTED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI Z21.1 STANDARD FOR HOUSEHOLD GAS APPLIANCES.

Part No. 102025 Rev. E

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BEFORE YOU BEGIN...

IMPORTANT:

- INSTALLER: In the interest of safety and to minimize problems, read these installation instructions completely and carefully before you begin the installation process. Leave these installation instructions with the customer.
- CUSTOMER: Keep these installation instructions for future reference and the local electrical inspector's use.

If you have questions or problems with installation, contact your Dacor® dealer or the Dacor Customer Service Team.

Dacor Customer Service

Phone: (800) 793-0093
Email: customerservice@Dacor.com
Web site: www.Dacor.com

All specifications are subject to change without notice. Dacor assumes no liability for changes to specifications.

IMPORTANT SAFETY INSTRUCTIONS

Important Information About Safety Instructions

The *Important Safety Instructions* and warnings in these instructions are not meant to cover all possible problems and conditions that can occur. Use common sense and caution when installing, maintaining or operating this or any other appliance.

Always contact the Dacor Customer Service Team about problems and conditions that you do not understand.

Safety Symbols and Labels

⚠ DANGER

Immediate hazards which WILL result in severe personal injury or death.

⚠ WARNING

Hazards or unsafe practices which **COULD** result in severe personal injury or death.

⚠ CAUTION

Hazards or unsafe practices which **COULD** result in minor personal injury or property damage.

⚠ DANGER

IMPORTANT: If you smell gas:

- Do not use or light any appliance.
- Do not touch any electrical switch or use any electrical devices, including the telephone, in your building.
- From a neighbor's phone, immediately call the gas supplier. Follow the gas supplier's instructions.
- If you cannot contact the gas supplier, call the fire department.

IMPORTANT: Do not store or use combustible, flammable or explosive vapors and liquids (such as gasoline) on or in the vicinity of this or any other appliance. Also keep items that could explode, such as aerosol cans, away from the cooktop. Do not store flammable or explosive materials in adjacent cabinets or areas (including above and below the cooktop).

⚠ WARNING

NEVER use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the appliance.

⚠ WARNING

NEVER cover any slots, holes or passages on the cooktop and cooktop chassis. Doing so blocks air flow through the cooktop and may cause carbon monoxide poisoning. Aluminum foil linings may also trap heat, causing a fire hazard. Keep all slots, holes and passages clear of grease and grime.

IMPORTANT SAFETY INSTRUCTIONS

GENERAL SAFETY PRECAUTIONS

To reduce the risk of fire, explosion, electric shock, serious injury or death when installing or using this appliance, follow basic safety precautions, including the following:

⚠ WARNING

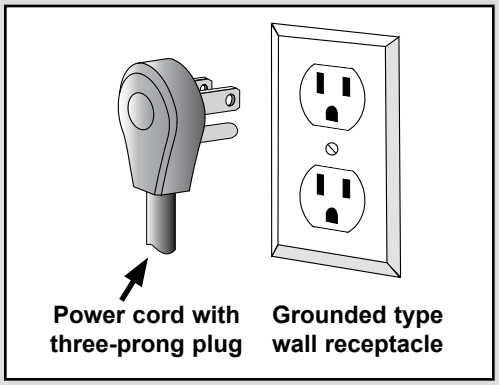
1. Read the accompanying use and care manual completely before operating this appliance.
2. Keep packaging materials away from children. Plastic sheets and bags can cause suffocation.
3. If you receive a damaged product, immediately contact your dealer or builder. Do not install or use a damaged appliance.
4. This cooktop must be properly installed and grounded by a qualified installer according to these installation instructions prior to use. The installer should show the customer the location of the gas shut off valve and the power cord so that they know where and how to turn off the gas supply and disconnect power to the cooktop.
5. Installations with less than 2 1/2" (64mm) from the rear of the cooktop to a combustible† material must use Dacor® backguard model(s) AEB3609, AEB3612, AEB4809, AEB4812 or a non-combustible material. † See the latest version of ANSI Z223.1.
6. Do not use this appliance in combination with a surface (countertop) ventilation system. Dacor strongly recommends the installation of a range hood in conjunction with this appliance.
7. Do not install, repair or replace any part of the cooktop unless specifically recommended in the literature accompanying it. A qualified service technician should perform all other service.
8. Before servicing or installing this cooktop, make sure that the gas supply is turned off at the gas supply valve and that the power plug is disconnected from the electrical receptacle.
9. Do not connect this cooktop to the gas supply without the supplied gas pressure regulator installed.
10. Only use the cooktop for cooking tasks expected of a home appliance as outlined in the literature accompanying it. This cooktop is not intended for commercial use.
11. Failure to provide proper clearances may result in a fire hazard!
12. DO NOT TOUCH THE SURFACES OF THE COOKTOP DURING OR IMMEDIATELY AFTER USE.
13. Do not climb on any part of the appliance.
14. Do not leave children alone or unattended in the area around the cooktop. Do not allow children to play with the controls or touch other parts of the cooktop. Do not store items of interest to children on top of or above the cooktop. Children could be burned or injured while climbing on the appliance.
15. Do not attempt to use this appliance in the event of a power failure.
16. Do not tamper with the controls. Do not adjust or alter any part of the cooktop unless specifically instructed to do so in these instructions.
17. Clean the cooktop thoroughly before operating it for the first time. Make sure that all the cooktop parts are dry before lighting a burner.
18. Keep flammable items, such as paper, cardboard, plastic and cloth away from the burners and other hot surfaces. Do not place such items on the cooktop. Do not allow pot holders to touch hot surfaces or gas burners.
19. To avoid a fire hazard, do not hang flammable or heat sensitive objects over the cooktop.
20. Do not use the cooktop to heat sealed containers. The container and contents may explode, causing personal injury.
21. Do not wear loose or hanging apparel while using the cooktop. Do not allow clothing to come into contact with the cooktop and surrounding areas during and immediately after use.
22. Do not use towels or bulky cloth as pot holders.
23. If the cooktop is near a window, do not use long curtains as window treatment. The curtains could blow over the cooktop and create a fire hazard.
24. Turn the knobs to the **OFF** position prior to removing them from the valve stems.
25. The cooktop should never be operated without the knobs and trim rings in place.
26. Non-stick coatings, when heated, can be harmful to birds. Remove birds to a separate, well-ventilated room when operating the cooktop.

IMPORTANT SAFETY INSTRUCTIONS

GENERAL SAFETY PRECAUTIONS (CONT.)

⚠ WARNING

27. **IMPORTANT -** This appliance is equipped with a three-prong grounding plug for your protection against possible electric shock hazards. It must be plugged into a dedicated, grounded receptacle. Where a standard two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to have it replaced with a dedicated, properly grounded three-prong wall receptacle. Do not under any circumstances, cut or remove the third (ground) prong from the power cord. Do not use an adapter plug. Do not use an extension cord. Do not use a power cord that is frayed or damaged. The use of a ground fault interrupter (GFI) is not recommended.



28. TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE:
    a. SMOTHER FLAMES with a close-fitting lid, cookie sheet or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
    b. NEVER PICK UP A FLAMING PAN - you may be burned.
    c. DO NOT USE WATER, including wet dish cloths or towels - a violent steam explosion may result.
    d. Use a fire extinguisher ONLY if:
        ◊ You have a Class ABC extinguisher, and you already know how to operate it.
        ◊ The fire is small and contained in the area where it started.
        ◊ The fire department is being called.
        ◊ You can fight the fire with your back to an exit.

CUSTOMER SERVICE INFORMATION

Any questions or problems with this installation should be directed to your Dacor® dealer or the Dacor Customer Service Department.

Dacor Customer Service
1-800-793-0093 (U.S.A. and Canada)
Monday — Friday 6:00 A.M. to 5:00 P.M. Pacific Time

e-mail: customerservice@Dacor.com.

website: www.Dacor.com

If the unit requires service, be sure to have the model and serial number available when you call. The model and serial number label is located on the under side of the chassis.

Model Identification

EG366SCH/NG/H

SIZE (in inches)

GAS TYPE
NG = Natural Gas
LP = Liquid Petroleum (Propane)

ALTITUDE
H = High Altitude Model, 4000 ft.(1219 m) and up
No character = unit equipped for low altitude operation

PLANNING THE INSTALLATION

⚠ WARNING

IMPORTANT: Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.

ELECTRICAL REQUIREMENTS

- It is the owner's responsibility to ensure that the electrical receptacle for this appliance has been installed by a qualified electrician. The electrical installation, including minimum supply wire size and grounding, must be in accordance with the National Electric code ANSI/NFPA 70-1993* (or latest revision) and local codes and ordinances. A copy of this standard may be obtained from:

  National Fire Protection Association
  1 Batterymarch Park
  Quincy, Massachusetts 02269-9101

- The correct voltage, frequency, and amperage must be supplied to the appliance from a separate, grounded circuit that is protected by a properly sized circuit breaker or time delay fuse. Refer to the chart below for requirements.

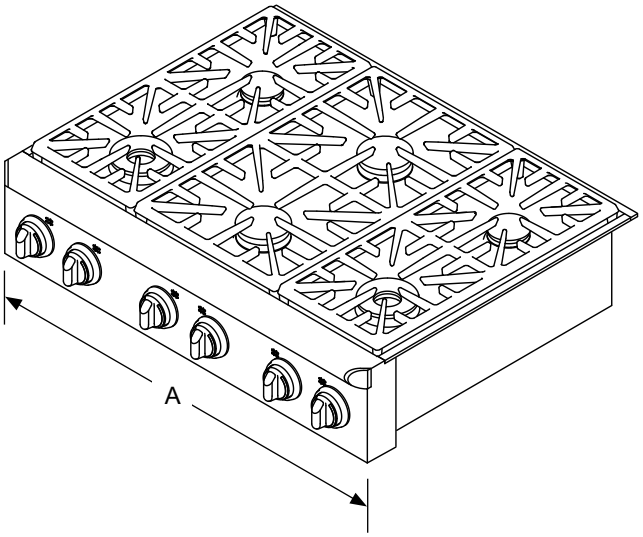
ELECTRIC CIRCUIT REQUIREMENTS	
Circuit Required	**Total Connected Load**
120VAC 60Hz, 15A	24.0W (0.2A)

GAS SUPPLY REQUIREMENTS

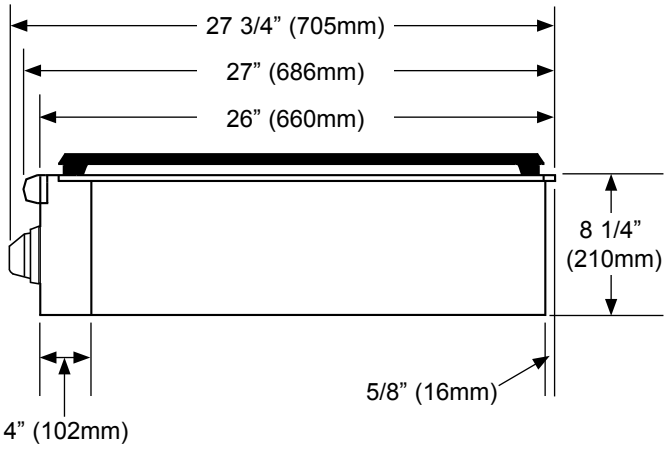
- Check your local building codes for the proper method of installation. In the absence of local codes, this appliance should be installed in accordance with the National Fuel Gas Code ANSI Z223.1.
- Be certain that the appliance being installed is correct for the gas service being provided (natural gas or LP gas). Also, if operating the cooktop at an altitude above 4000 ft. (1219 m) make sure it is equipped for high altitude operation.
- See the table below for gas supply pressure requirements. Make sure the gas supply meets minimum requirements.
- The regulator inlet accommodates a 3/4" gas line. The inlet to the cooktop itself is equipped with a 3/4" male NPT fitting.

GAS SUPPLY PRESSURE REQUIREMENTS		
Gas Type	**Manifold Pressure**	**Minimum Gas Supply Pressure**
Natural Gas	5" Water Column	6" Water Column
Liquid Propane(LP)	10" Water Column	11" Water Column

PRODUCT DIMENSIONS



COOKTOP WIDTH (A)	
EG366	35 7/8" (911mm)
EG486	47 7/8" (1216mm)



SIDE VIEW

All tolerances: +1/16", -0 (+1.6mm, -0)

PLANNING THE INSTALLATION

CABINET LAYOUT

⚠ WARNING

- To avoid the risk of fire or personal injury, all minimum specified clearances must be maintained or exceeded.

General Considerations

- All dimensions shown on the following pages are based on standard American cabinets. Dimensions shown indicated minimum clearances. When installing the cooktop, minimum clearances must be maintained.
- The distance from the back of the cooktop to a combustible rear wall is 2 1/2" (64mm) minimum (Figure 1).
- Installation of a non-combustible material (up to the hood) or a backsplash is always recommended, and mandatory if the distance to the back wall from the cooktop is less than 2 1/2" (Figure 2). When installing a backsplash, use only Dacor® model numbers AEB3609, AEB3612, AEB4809 or AEB4812.

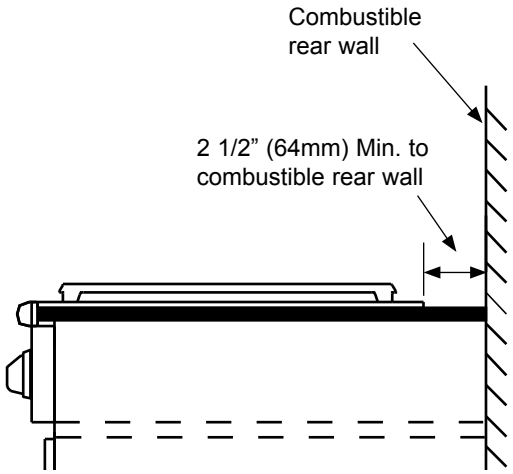


FIGURE 1

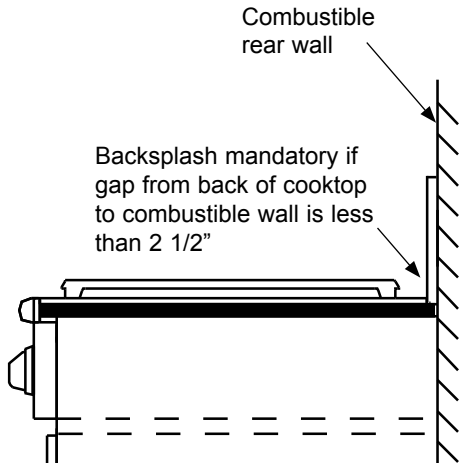


FIGURE 2

- Carefully check the location where the cooktop is to be installed. For best performance, the cooktop should be placed away from drafts that may be caused by doors, windows and heating and air conditioning outlets.
- To reduce the risk of personal injury and to reduce accumulated smoke in the room, Dacor strongly recommends installing a hood. A range hood should project horizontally a minimum of five (5) inches beyond the face of the cabinets.
- The countertop must cover the recessed portions of the cooktop. All contact surfaces between the cooktop and the counter must be solid and level.
- **IMPORTANT:** When installing the cooktop into a laminated or synthetic countertop, radius the corners of the cut-out to help avoid cracking. Consult the countertop manufacturer's instructions for minimum corner radius, reinforcement and heat protection requirements.

Gas and Electric Service Location

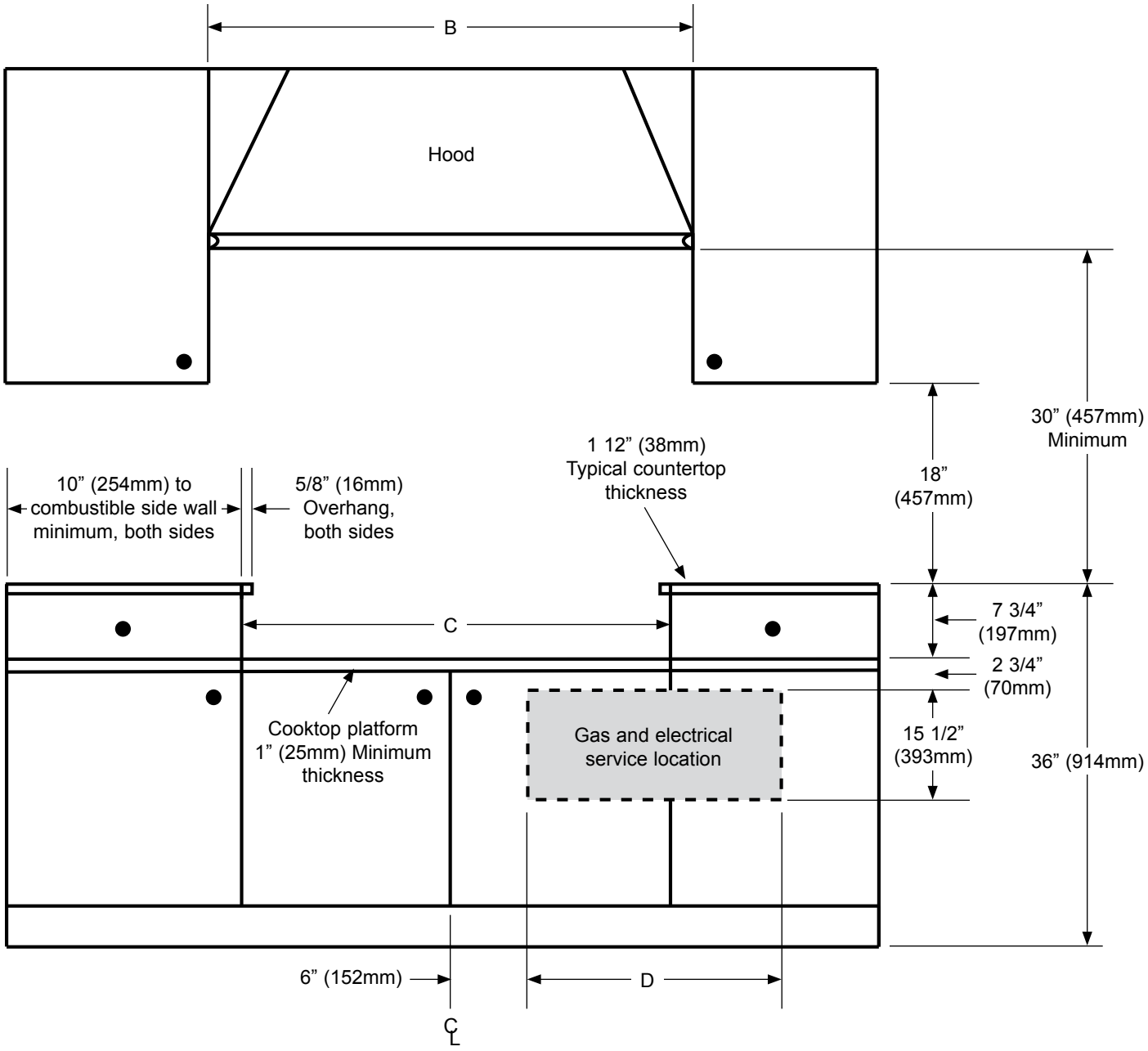
- The shaded area on the facing page shows the location of the gas inlet and the electrical receptacle. This is the recommended location. For replacement purposes, the location of the existing utilities may be utilized provided they do not interfere with the sides or rear of the cooktop. Check local building codes for permissible gas valve locations.
- An external manual shut-off valve must be installed between the gas inlet and the cooktop, for the purpose of turning on or shutting off gas to the appliance.
- The regulator must be installed in the gas line that runs from the cooktop gas inlet to the gas shut off valve. For best performance, minimize gas pressure loss by attaching the regulator as close as possible to the cooktop gas inlet.

The installation must allow for the following:

- Access to the gas shut-off valve and regulator when the unit is installed.
- Access to the electrical receptacle, when the cooktop is in place. The (48") power cord must be able reach the receptacle.
- Access to the underside of the cooktop for service and inspection purposes.
- The gas supply piping, gas shut-off valve and the power receptacle must be located so they do not interfere with the cooktop when it is installed. If installing another appliance in the cabinet below, allow for the routing of gas and electrical service behind it.

PLANNING THE INSTALLATION

CABINET LAYOUT (CONTINUED)



CUT-OUT DIMENSIONS			
Cooktop Model	**“B”**	**“C”**	**“D”**
EG366	36” (914mm)* 42” (1067mm)**	36” (914mm)*	24” (610mm)
EG486	48” (1219mm)* 54” (1372mm)**	48” (1219mm)*	30” (762mm)
*Minimum ** Recommended			

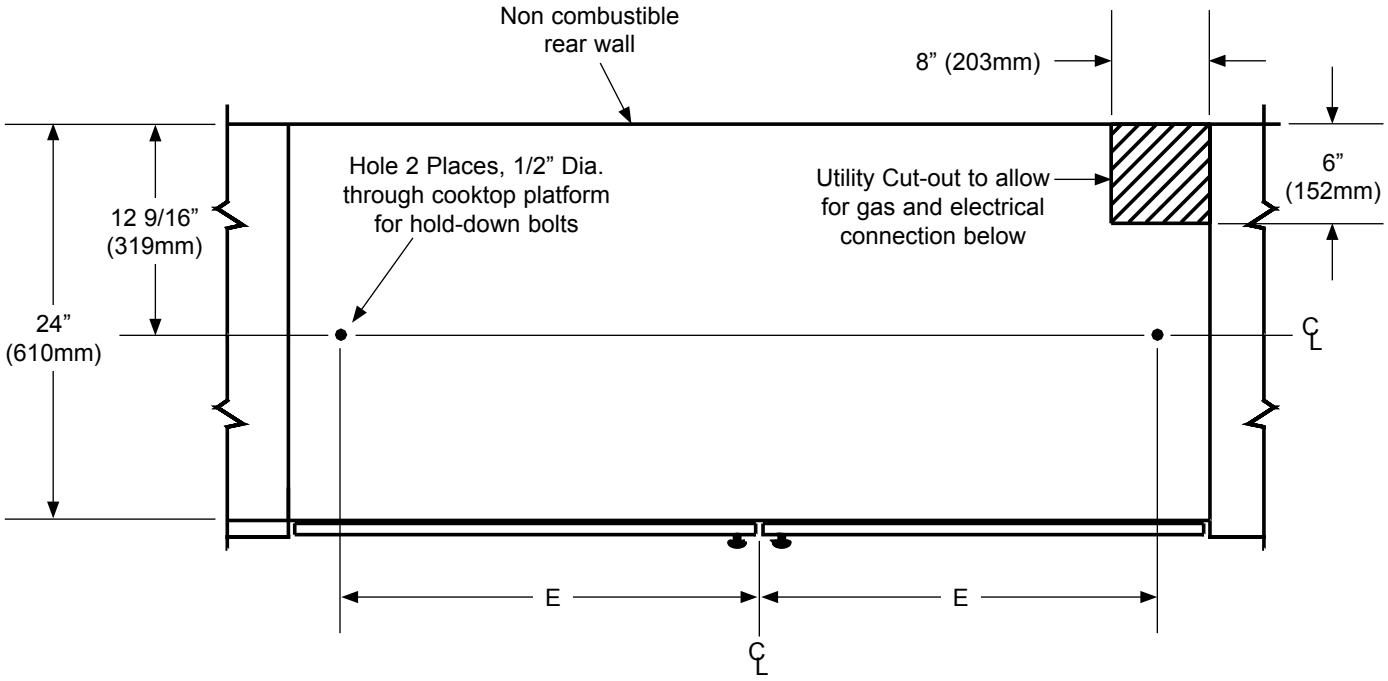
All tolerances: +1/16”, -0 (+1.6mm, -0)

Continued...

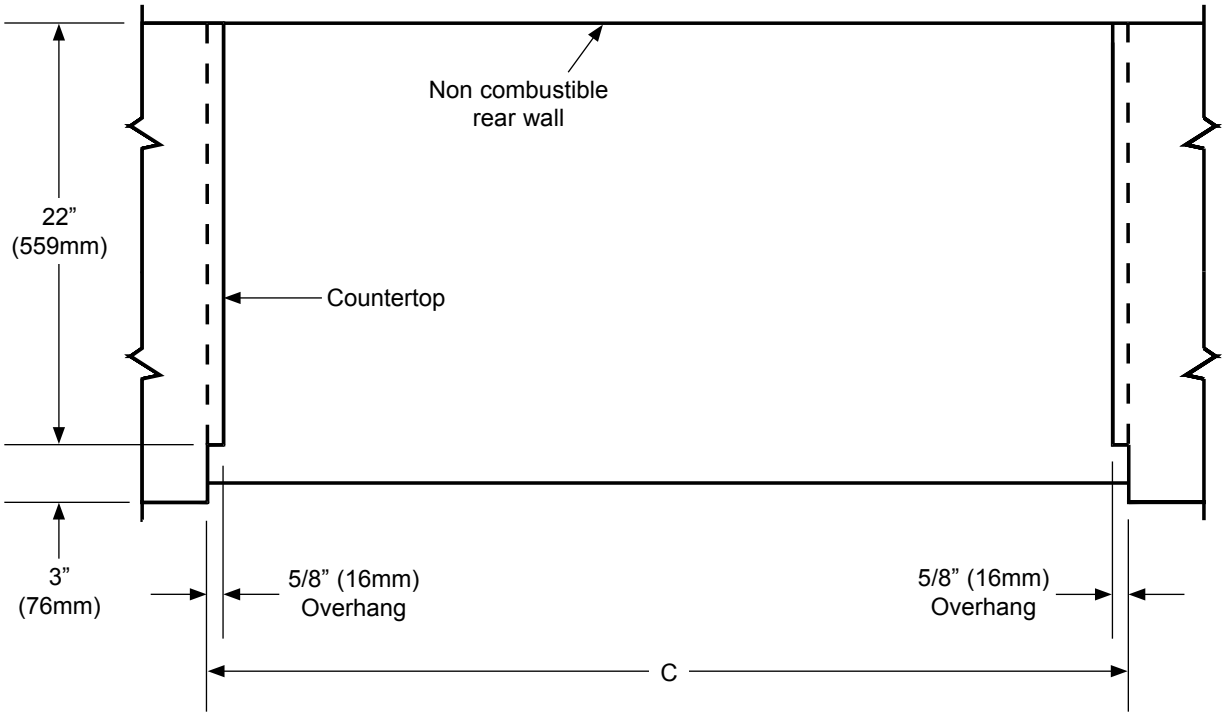
PLANNING THE INSTALLATION

CABINET LAYOUT (CONTINUED)

All tolerances: +1/16”, -0 (+1.6mm, -0)



CABINET BASE PREPARATION - TOP VIEW



COUNTERTOP PREPARATION TOP VIEW

MODEL	CUT-OUT WIDTH (C)	HOLE OFFSET (E)
EG366	36” (914mm)	16 5/8” (422mm)
EG486	48” (1219mm)	20 13/16” (529mm)

INSTALLATION INSTRUCTIONS

PREPARING FOR INSTALLATION

IMPORTANT: Within the Commonwealth of Massachusetts, this appliance must be installed by a licensed plumber or gas fitter.

Gas and Electric Service Installation

⚠ WARNING

- For LP installations, the LP tank must have its own high pressure regulator. This is in addition to the pressure regulator provided with the cooktop.

- Have the gas service installed by a qualified professional in the location determined in the ***Planning the Installation*** section. The gas service must include a gas shut-off valve (not included with the cooktop) in the main gas supply line in an accessible location under the cooktop.
- Have the electrical receptacle installed by a licensed electrician in the location determined in the ***Planning the Installation*** section.

Unpack the Cooktop

⚠ WARNING

- If the gas or electric service provided does not meet the product specifications, do not proceed with the installation. Call the dealer, the gas supplier or a licensed electrician.
- The cooktop is heavy. A minimum of two people are required to safely install it.

Unpack the parts box and verify that all required components have been provided. If any item is missing or damaged, please contact your dealer immediately. Do not install a damaged or incomplete appliance. The customer must report cosmetic issues within 30 days of installation.

Parts List

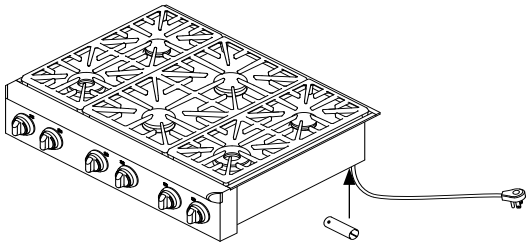
- 3 Grates*
- 4 Stack Burner Caps**
- 4 Stack Burner Rings**
- 2 Crown Burner Caps
- 2 Crown Burner Rings
- 2 Crown Burner Heads
- Hold Down Bolts/Washers
- 6 Knobs ***
- Stainless Steel Cleaner
- Literature Kit
- Ignitor Cleaning Brush
- WOK Ring
- Griddle

* Three 14-Inch grates for model EG486. Two 10-Inch and one 14 Inch grate for model EG366.

** Two (2) large, two (2) small

*** Four (4) standard knobs and two (2) "**MAX GRIDDLE**" knobs.

NOTE: The cooktop also includes a thread ring removal tool (PN 101539). It is attached to the cooktop inside the utility access hole on the bottom of the chassis. Return it after use so that it is available if needed in the future.



COOKTOP INSTALLATION

⚠ CAUTION

- To prevent damage to the gas pressure regulator, install the regulator only after the cooktop is mounted in its permanent position.

- Lower the cooktop into the cut-out while feeding the electrical cord into the utility cut-out. Center the cooktop in the cut-out.
- Secure the cooktop to the countertop utilizing the two (2) hold-down bolts and flat washers provided. Do not over-tighten the bolts.

IMPORTANT: Do not fasten or seal the cooktop to the countertop using glue or caulk. The unit must be readily removable for service. The warranty does not cover damage due to improper installation.

Gas Line Connection

⚠ WARNING

- Do not apply excessive pressure when tightening gas connections and fittings.
- Do not use Teflon tape or plumber's putty on gas flex line connections.
- Turn all cooktop control valves to the **OFF** position. Turn on the gas supply and check all lines and connections for leaks using a soap and water solution. Do not use a flame to check for leaks.
- The maximum gas supply pressure to the regulator must never exceed 1/2 pound per square inch (psi) or 3.5kPa. The cooktop and shut-off valve must be disconnected from the gas supply piping during any pressure testing exceeding 1/2 psi (3.5kPa).
- The cooktop must be isolated from the gas supply piping by closing the shut-off valve during any pressure testing at or below 1/2 psi (3.5 kPa).

NOTE: The gas pressure regulator is pre-set at the factory for the type of gas intended for use with the appliance. To verify that the appliance is compatible with the type of gas available, check the cooktop data plate on the under side of the chassis. Cooktops intended for use with LP gas will have "LP" as a part of the model number. Consult your dealer if the cooktop is not compatible with the type of gas supplied.

- Install the regulator upstream from the pipe nipple, between the shut-off valve and the appliance. Mount it as close as possible to the gas inlet on the cooktop for best performance. The 3/4" male NPT gas inlet for the cooktop is located on the bottom, at the right rear of the chassis. Ensure that the arrow on the regulator points in the direction of the gas flow towards the cooktop.
- Complete connection of the gas supply to the cooktop by installing 1/2 inch flexible gas line (not included with the cooktop) between the pressure regulator and the gas shut-off valve. The cooktop has a 3/4" (19mm) diameter pipe nipple inlet.

INSTALLATION INSTRUCTIONS

COOKTOP SETUP

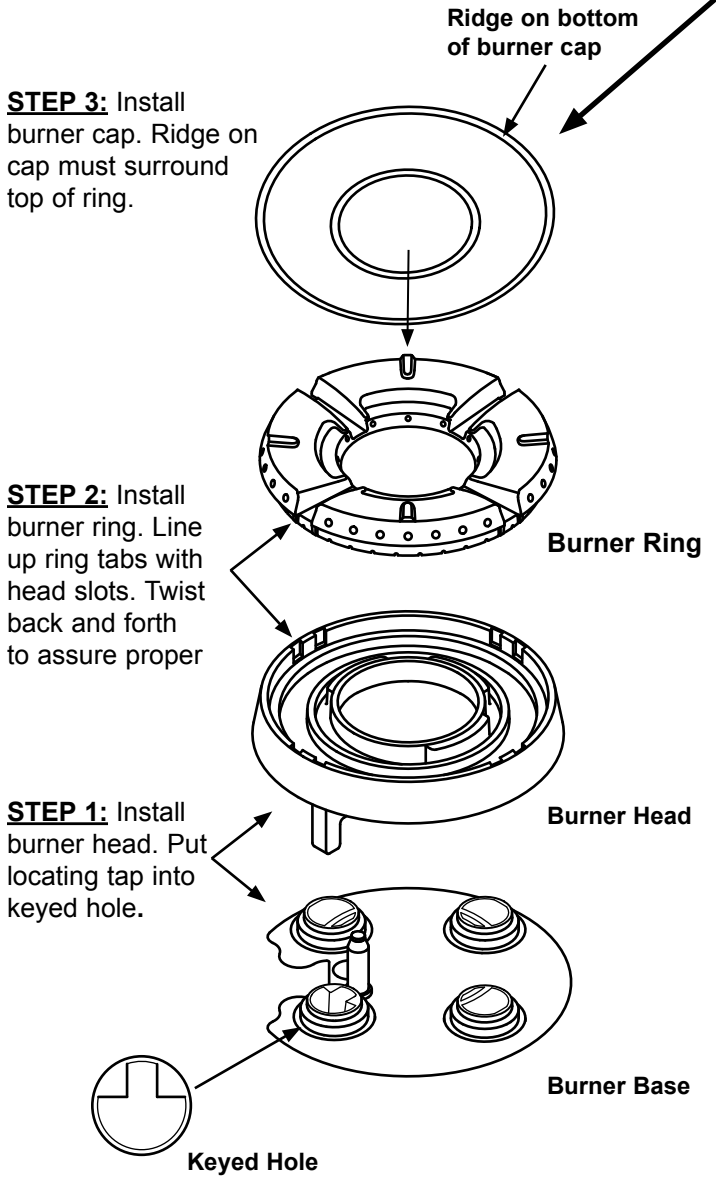
⚠ WARNING

- Never attempt to operate the cooktop with any of the burner rings, burner caps or grates removed.

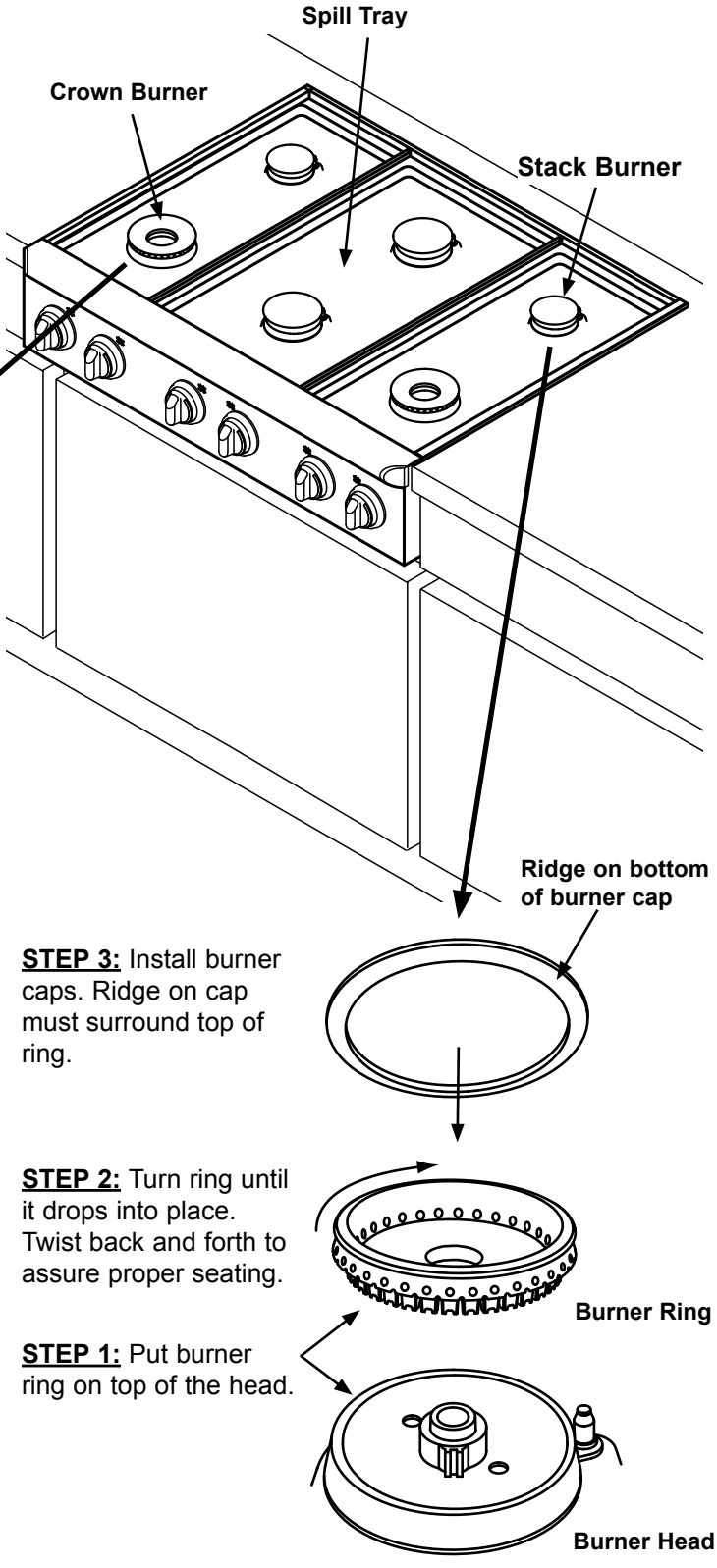
Install the Burner Components

NOTE: Do not attempt to adjust the burner air mixture settings. All adjustments are preset at the factory.

- Remove the burner rings, burner caps and grates from their shipping packages.
- Install the burners as shown.
- Gently set the grates on top of the spill tray. Put the legs of each grate inside the corresponding dimples.


Ridge on bottom of burner cap
STEP 3: Install burner cap. Ridge on cap must surround top of ring.
STEP 2: Install burner ring. Line up ring tabs with head slots. Twist back and forth to assure proper
Burner Ring
STEP 1: Install burner head. Put locating tap into keyed hole.
Burner Head
Burner Base
Keyed Hole

Crown Burner Installation


Spill Tray
Crown Burner
Stack Burner
Ridge on bottom of burner cap
STEP 3: Install burner caps. Ridge on cap must surround top of ring.
STEP 2: Turn ring until it drops into place. Twist back and forth to assure proper seating.
Burner Ring
STEP 1: Put burner ring on top of the head.
Burner Head

Stack Burner Installation

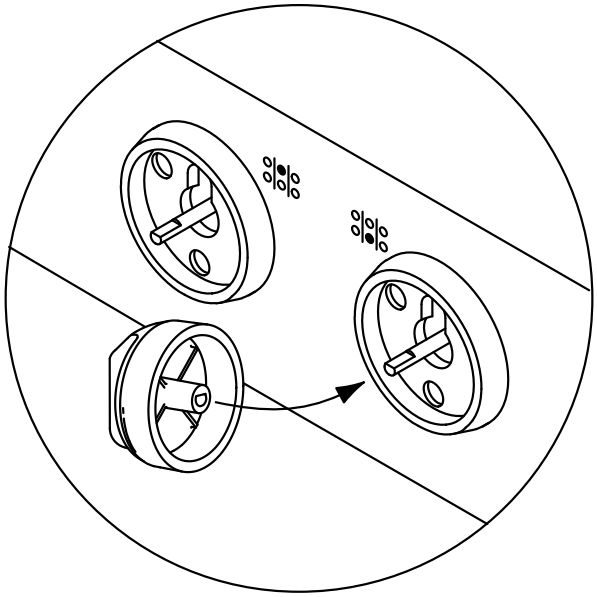
Installing the Burner Knobs

⚠ CAUTION

Installing the cooktop knobs in the wrong position may result in damage to the cooktop griddle. The knobs for the center burners are marked with the maximum griddle settings.

There are two (2) different types of knobs supplied with the cooktop. The knobs for the center burners have the words "**MAX GRIDDLE"** on them.

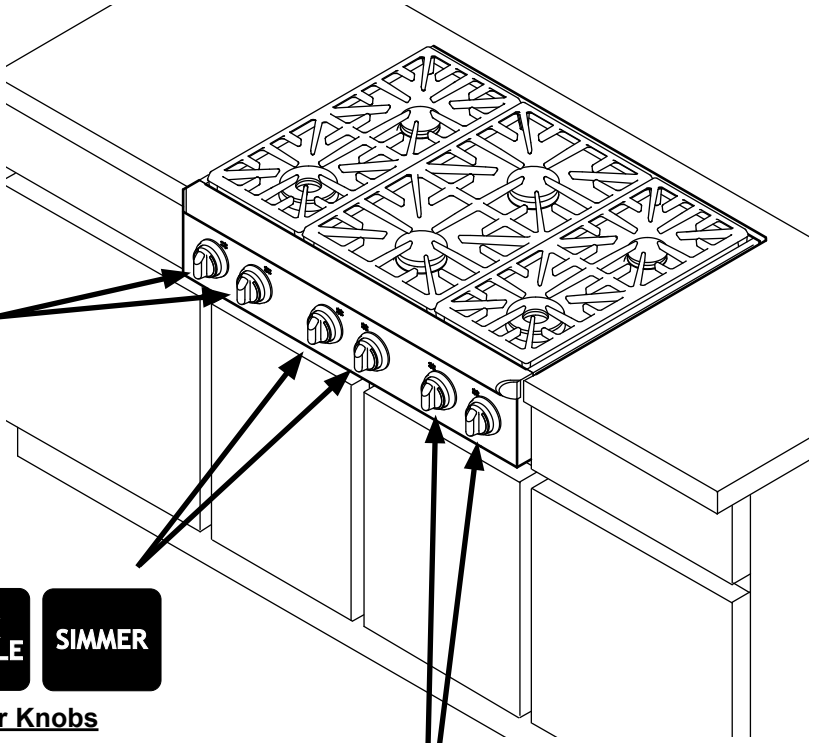
- Put the knobs with the words "**MAX GRIDDLE"** on them onto the inner (center burner) valve shafts.
- Put the remaining knobs on the outer valve shafts .
- When installing the knobs, align the "D-shaped" opening on the back of the knob with the end of the valve shaft. Carefully push the knob on until it stops.



Icons on Outer Burner Knobs

Icons on Center Burner Knobs

Icons on Outer Burner Knobs



INSTALLATION INSTRUCTIONS

VERIFYING PROPER OPERATION

⚠ WARNING

- Do not use an extension cord with this appliance. Such use may result in fire, electric shock or other personal injury.

Prior to operating the cooktop, please read the accompanying use and care manual carefully. Important safety, service and warranty information is contained within the use and care manual.

1. Before beginning the test procedure, make sure that:
   - The power plug is disconnected from the wall receptacle.
   - All cooktop control valves are in the **OFF** position,
   - All burner rings, burner caps and grates are properly positioned on the cooktop frame.
2. Turn on the gas supply valve and check all gas supply lines and connections for leaks using a soap and water solution. Do not use a flame to check for leaks.
3. After verifying that there are no gas leaks, connect the power cord to the electrical outlet.
4. Test each cooktop burner separately by pushing in and turning one control knob at a time counterclockwise to the **HIGH** position. It may take up to four (4) seconds for ignition to occur, at which time the ignitor will stop sparking. If ignition does not occur within four seconds, turn the knob to **OFF**, wait for at least two minutes to allow any gas to dissipate, then repeat the ignition test. After ignition, rotate the control knob counterclockwise from **HIGH** to **LOW** to adjust the flame height progressively. When the cooktop and burners are installed properly, the flame will be steady and quiet. It will also have a sharp, blue inner cone that will vary in length proportional to the burner size. If the cooktop is equipped for use with LP gas, the ends of the flame may be yellow at the tips, which is normal.
5. Turn the control knob to the **OFF** position.
6. Repeat the ignition test for all remaining burners.

NOTE: If the cooktop does not operate properly, follow these troubleshooting steps:

1. Verify that power and gas are supplied to the cooktop.
2. Check the electrical connections and gas supply to ensure that the installation has been completed correctly.
3. Repeat the above burner ignition test.
4. If the appliance still does not work, contact the Dacor Customer Service Team at (800) 793-0093.

Do not attempt to repair the appliance yourself. Dacor is not responsible for service required to correct a faulty installation.

INSTALLATION CHECKLIST

⚠ WARNING

- To ensure a safe and proper installation, the following checklist should be completed by the installer to ensure that no part of the installation has been overlooked.
- Proper installation is the responsibility of the homeowner. The importance of proper installation of your Dacor cooktop cannot be overemphasized.

☐ Is the electrical outlet for the cooktop grounded and located according to these instructions and in accordance with all applicable electrical codes? (See Pages 3, 4 and 7).

☐ Is the gas service for the cooktop located and installed according to these instructions and in accordance with all applicable electrical codes? (See Pages 3, 4 and 7).

☐ Has the gas supply inlet pressure been measured to ensure that it does not exceed the maximums stated in these instructions. (See pages 3).

☐ Is the cooktop secured using the provided hold-down bolts? (See page 7).

☐ Is the cooktop connected to the gas supply according to these instructions and in accordance with all applicable codes? (See page 7).

☐ Are the burners and grates properly installed according to these instructions? (See pages 8 and 9).

☐ Are the burner knobs installed on the right valves? (See page 9).

☐ Has proper operation been verified? Did the installer check the gas supply for leaks?

☐ Have any problems been noted on the warranty card or during the on-line warranty activation? Has the warranty been activated on-line or the warranty card filled out completely and mailed?

NOTES

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Specifications contained within are subject to change without notice.
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